Name of Work: Development of park and Construction of Watchmen room at Bagalgunte 12th cross, Nagalakshmi Temple Park in Dasarahalli Zone. Ward No.14

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
18	KSRB 2-2.1 : Earthwork excavation by manual means for foundation of buildings, water supply, sanitary lines and electrical conduits etc., either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications.-in ordinary soil.NO.KBS 2.1(a)/2.3.5 (Page no-6, Item No-2.3 of PWD SR 2018-19.) ---- All terms and conditions are as per tender document								
	Vide pre-measurement page no.					89.21			
					Present Qty	**89.21**	**Cum**	**322.00**	**28725.00**
19	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix 1:4:8 OPC cement @ 180 Kgs with 40mm and down size graded granite metal of coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, machine mixed,concrete laid in layers not exceeding 15cms thick, well compacted in foundation including cost of all materials, labour, HOM curing complete as per Specification No. KBS 4.1, 4.2 (Page no-13, Item No-4.3 of PWD SR 2018-19.) ---- All terms and conditions are as per tender document								
	Vide pre-measurement page no.					16.73			
					Present Qty	**16.73**	**Cum**	**5510.00**	**92163.00**
20	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar, stone hammerd dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13-cement morter 1:6 (Page no-25, Item No-5.6 of PWD SR 2018-19.) ---- All								
	Vide pre-measurement page no.					55.76			
					Present Qty	**55.76**	**Cum**	**4960.00**	**276545.00**
21	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6,edges of stones chistle dressed in courses not less than 15 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (Page no-25, Item No-5.9 of PWD SR 2018-19.) ---- All terms and								
	Vide pre-measurement page no.					50.56			
					Present Qty	**50.56**	**Cum**	**5920.00**	**299292.00**

Executive Engineer
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Work:Development of park and Com

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
22	KSRB 4-2.2: Providing and laying in position Reinforced Cement Concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm and down size graded granite metal of coarse aggregates @ 0.69 cum and fine aggregates @ 0.46 cum, with superplastisiser @ 3 Liters conforming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation for footing ,pedastals,retaining								
	Vide pre-measurement page no.					7.32			
	Present Qty					**7.32**	**Cum**	**6110.00**	**44725.00**
25	KSRB : 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specification. Specification No. KBS 2.9 (Page no-7, Item No-2.10 of PWD SR 2018-19.) --- All terms and conditions are as per tender document								
	Vide pre-measurement page no.					72.48			
	Present Qty					**72.48**	**Cum**		
	Upto 125%					**46.51**	**Cum**	**215.00**	**10000.00**
	Above 125%					**25.97**	**Cum**	**215.00**	**5583.00**
27	KSRB 15.1.2 Providing flush pointing 20mm deep to square rubble, course or uncoursed stone masonry with cement mortar after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications.cement morter 1:4 (Page no-115, Item No-15.2 of PWD SR 2018-19.) ---- All terms and conditions are as per tender document								
	Vide pre-measurement page no.					83.38			
	Present Qty					**83.38**	**Sqm**	**150.00**	**12507.00**
36	KSRB 2-2.1 : Earthwork excavation by manual means for foundation of buildings, water supply, sanitary lines and electrical conduits etc., either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications.-in ordinary soil.NO.KBS								
	Vide pre-measurement page no.					164.69			
	Present Qty					**164.69**	**Cum**		
	Upto 125%					**53.96**	**Cum**	**322.00**	**17376.00**
	Above 125%					**110.73**	**Cum**	**322.00**	**35654.00**

Asst. Executive Engineer
Project Division, Dasrahalli Zone
BBMP, Bangalore

Consultant

Asst. Engineer

Asst. Exec. Engine

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Name of Work: Development of park and Construction of Watchmen room at Bagalgunte 12th cross, Nagalakshmi Temple Park in Dasarahalli Zone. Ward No.14

Name of Measurement :

Detailed Measurements

Item No	Discription of Item	Unit	No	Length	Breadth	Depth	Qty	Rate	Amount
137	Supply & fixing o(children multi play equipment with spiral slide, monkey bar with number pannel . Upright structural posts of height 4.2 m are to be hot dip galvanized steel with a 114 mm OD and 2.2mm wall thickness of tubing . Roof of size 1.9m x 1.7m x 0.77 m , spiral slide of size2.56m x 1.85m x 2.68m. Top rails of monkey bar size 1.8m x 1.3m are all robotic welded & fabricated from 48mm OD galvanized steel pipes for theouter bars &32 mm OD galvanized steel for the inner parallel bars with 6 baked on powder coated finish. Oeck of size 1.45 x 1.45 m are pressed and punched , welded ,sand blasted ,powder coated to 2.2mm thickness or vinyl coated to a thickness of 4mm . Deck of size 1.45 x T.45 m are pressed and punched , welded ,sand blasted,powdei coated to 2.2mmthickness or vinyl coated to a thickness of 4mm. Deck, step, platform ,stairs, baffle shall be all robotic welded. Inclined ramps of size 1.92m x 0.6Sm , stair case of size 1.km x 0.77m are fabricated from solid 2mm perforated solid punched steel Frisbee climber , piped walls of size 1 m are robotic welded , fabricated from 32 mm OD galvanized steelpipes for outer and 2Smm OD galvanized steel pipes for inner bar with baked on powder coat finish.The poles welded on to base plate made from steel with 114mm inner dia double slide of size2.2 m x 1.Sm x 1.45 m panel. The rates are to be inclusive of supply and installation at site. Inclusive of All Taxesand Transportation Charges -									
		Sqm							
	Bagalgunte Lake Park								
			1				1.00		
	Kirloskar Layout Park Part-2								
			1				1.00		
						Present Qty	**2.00**		
						Upto 125%	**1.25**	**1567110.00**	**1958888.00**
						Above 125%	**0.75**	**1567110.00**	**1175333.00**

Contractor

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BBMP, Bangalore

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Name of Work: **Development of park and Construction of Watchmen room at Bagalgunte 12th cross, Nagalakshmi Temple Park in Dasarahalli Zone, Ward No.14**

Book of Measurement :

Detailed Measurements

Sl No	Discription of Item	Unit	No	Length	Breadth	Depth	Qty	Rate	Amount
	Supply And Fixing of Children play Equipment Maxima N Swing : Inverted U Shape Structural Posts Of Height 2.31 m are To Be Schedule HOT DIP Galvanized Steel With 114 mm OD And 2.2mm Wall Thickness of Tubing Toproll At Height 2.31m And Dia 114mm Shall Be AnAll Robotic Welded Unit Fabricated From 1140.D Plasic Components Such As Swing mmSwing Seats With Colour Molded In and Minimum Thickness Of 6-8mmThe rates Are To Be Inclusive Of Supply And Installation At Site Inclusive Of All Taxes And Transportation Charges(Data Rate)	Nos							
	MEI Layout Part-3		1				1.00		
	Kirloskar Layout Park Part-2		1				1.00		
	Bagalgunte Lake Park		1				1.00		
							Present Qty	**3.00**		
							Upto 125%	**2.50**	**100000.00**	**250000.00**
							Above 125%	**0.50**	**100000.00**	**50000.00**

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Name of Work: **Development of park and Construction of Watchmen room at Bagalgunte 12th cross, Nagalakshmi Temple Park in Dasarahalli Zone. Ward No.14**

Abstract of Measurement : Detailed Measurements

Sl No.	Discription of Item	Unit	No	Length	Breadth	Depth	Qty	Rate	Amount
1	Supply And Fixing Of Children play Equipment Four Seater Seesaw: The Seesaw Consists Of 2 Poles Of Dia 114mm And Thickness of 2.5mm Which Balances the Horizontal Rod At The Centre Which is Of Size 3110mm Length And Dia 114mm.It Consists of 4seats Which is Made of LIDPE Virgin Plastic of Size 305mm X 125mm.The rates Are To Be Inclusive Of Supply And Installatiion At Site Inclusive Of All Taxes And Transportation Charges.(Data Rate)								
		Nos							
	MEI Layout Part-3		1				1.00		
	Kirloskar Layout Park Part-2		1				1.00		
	Bagalgunte Lake Park		1				1.00		
						Present Qty	3.00		
						Upto 125%	1.25	87700.00	109625.00
						Above 125%	1.75	87700.00	153475.00

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Name of Work: **Development of park and Construction of Watchmen room at Bagalgunte 12th cross, Nagalakshmi Temple Park in Dasarahalli Zone. Ward No.14**

Measurement : Detailed Measurements

Discription of Item	Unit	No	Length	Breadth	Depth	Qty	Rate	Amount
Supply & fixing of Standing Rotation (Area- 6'x3' Height -4'6") : Providing and fixing Standing Rotation made upof 100mm NBMS pipe the sub stracture consists of 32mm NBMS pipes and heavy duty self pressed SKF bearing and bushes provided to ensure smooth plate rotation, the standing plates are made up of pressed sheet metal of heavy gauge it benches in stretching the internal and external oblique's and adding on the chassis on the abdominals and extensor muscles of the spine , the above equipment is duly powder coated								
All terms and conditions are as per tender document.								
	Nos							
Layout Part-3		1				1.00		
Bhaskar Layout Park Part-		1				1.00		
Bagalgunte Lake Park		1				1.00		
					Present Qty	**3.00**	**147570.80**	**442712.00**

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Name of work: Development of park and Construction of Watchmen room at Bagalgunte 12th cross, Nagalakshmi Temple Park in Dasarahalli Zone. Ward No.14

Measurement : Detailed Measurements

Discription of Item	Unit	No	Length	Breadth	Depth	Qty	Rate	Amount
...ding and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick ...ving conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of ...m thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of ...ils, mortar, including cutting, griding the edge to half/full round wherever required, labour, curing ...dge as per specification. ---- All terms and conditions are as per tender document.								
...Layout Part-3	Sqm							
...Equipment Area								
...0 to 2.10m		1	2.10	1.76		3.70		
...0 to 5.80m		1	5.80	1.80		10.44		
...0 to 8.30m		1	8.30	6.75		56.03		
...d Tree		-1	0.30	0.30		-0.09		
...ngunte Lake Park								
...Equipment Area								
...0 to 1.50m		1	1.50	1.55		2.33		
...0 to 4.05m		1	4.05	2.25		9.11		
...0 to 4.70m		1	4.70	3.75		17.63		
...0 to 4.90m		1	4.90	4.60		22.54		
...ium Formula A=3.3,B=5.2 h=5m ...2*h)			(3.3+5.2)/2*5)			21.25		
...kar Layout Park Part-2		-1	2.00	1.60		-3.20		
...Equipment Area								
...0 to 11.30m		1	11.30	6.00		67.80		
...ches Platform								
...kar Layout Park Part-2		20	2.10	1.20		50.40		
...Layout Part-5		5	2.10	1.20		12.60		
					Present Qty	270.52	1302.13	352258.00

25/01/22

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Name of Work: Development ... Construction of Watchmen room at Bagalgunte 12th cross, Nagalakshmi Temple Park in Dasarahalli Zone, Ward No.14

Measurement : Detailed Measurements

Description of Item	Unit	No	Length	Breadth	Depth	Qty	Rate	Amount
KBS 2.6 : Providing and filling sand in foundation to required depth for sub soil treatment including watering ramming with all lead and lift complete as per specifications, specification. No KBS 2.10.2 --- Terms and conditions are as per tender document.								
	Cum							
Children Play Area								
Layout Part-3								
Prism Formula L=14.80 B=15.50 h=6.00m (L*B*h)			(14.80+15.50)/2*6.0)		0.20	18.18		
Kaskar Layout Park								
		1	11.30	5.00	0.17	9.61		
Bagalgunte Lake Park								
Prism Formula L=11.75 B=7.5 h=7.00m (L*B*h)			(11.75+7.5)/2*7)		0.20	13.48		
						Present Qty	41.26	2177.27	89834.00
								Total	12402603.00
								12% GST	257228.52
								Grand Total	12659831.52

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